

Split Format Light Table
195

Declass Review by
NIMA/DOD

IEG/250-68
20 August 1968

MEMORANDUM FOR: Chief, Technical Services & Support Group, NPIC

ATTENTION:

SUBJECT: Evaluation of the Wooden Mock-Up of the Advanced Rhomboid by IEG

1. On 30 July 1968 a briefing for the Imagery Exploitation Group was presented in the IEG Teleprompter Room. The result of that briefing indicated a general acceptance of the preliminary design of the Advanced Rhomboid Model II.

2. In reviewing the design of the rhomboids, two problems became evident which actually are not inadequacies in the rhomboid configuration but will have to be considered in the Split Format Light Table design.

a) The microscope mount and X carriage must be of sufficient strength and rigidity to support the Zoom 240 Microscope and Advanced Rhomboid in a plane parallel to the light table's surface. The present 940 MCE and 940 MC light tables are not stable enough for mounting the new microscope and rhomboids. These tables will be obsolete when the new rhomboids are received. The 940 Split Format Light Table and the 1540 Split Format Light Tables will be the only equipment available in the numbers required upon which the 240 Microstereoscope/Advanced Rhomboid combination can be mounted.

b) There was inadequate clearance between the rhomboid arms and the horizontal stabilizer bar of the 940 Split Format Light Table. When the rhomboid arm was extended in the Y direction it was located too close to the bar. Although the working distance for the rhomboid objective may not have been precisely set, the clearance was still considered insufficient.

3. As has been stated, the preliminary design of the rhomboid

SUBJECT: Evaluation of the Wooden Mock-Up of the Advanced
Rhomboid by IEG

seemed acceptable. The IEG will provide an evaluation of the prototype rhomboid when it is received. Your coordination of this equipment has been appreciated.



STAT

Colonel, USA
Acting Chief
Imagery Exploitation Group, NPIC

Distribution:

Orig & 1 - Addressee
1 - IEG/OSS
1 - Chrono